Author index

Abraham, D., see Olsen, I. (968) 312
Adachi, H., see Sato, S. (968) 1
Adem, A., Åsblom, A., Johansson, G., Mbugua, P.M. and Karlsson, E.
Toxins from the venom of the green mamba *Dendroaspis angusticeps* that inhibit the binding of quinuclidinyl benzilate to muscarinic acetylcholine receptors (968) 340
Adler, A., see Walaas, S.I. (968) 127
Åkerström, G., see Nygren, P. (968) 253
Albert, K.A., see Walaas, S.I. (968) 127
Alemany, M., see Zamora, F. (968) 346
Ambudkar, I.S., see Ishikawa, Y. (968) 203
Aoki, E., see Sato, S. (968) 1
Arola, L., see Zamora, F. (968) 346
Åsblom, A., see Adem, A. (968) 340

Banfić, H., see Gatalica, Z. (968) 379
Barac-Nieto, M., Neiberger, R., Spitzer, A. and Gupta, R.K.
NMR measurements of intra- and extravesicular sodium in renal microvilli (968) 359
Batoni, G., see Senesi, S. (968) 59
Baum, B.J., see Ishikawa, Y. (968) 203
Becker, J.M., Enari, E. and Levitzki, A.
Guanine nucleotide regulation of adenylate cyclase in permeabilized cells of *Saccharomyces cerevisiae* (968) 408
Berg, T., see Eskild, W. (968) 143
Bergelson, L.D., see Mazurov, A.V. (968) 167
Blakey, D.C., Skilleter, D.N., Price, R.J. and Thorpe, P.E.
Uptake of native and deglycosylated ricin A-chain immunotoxins by mouse liver parenchymal and non-parenchymal cells in vitro and in vivo (968) 172
Bodner, L., see Ishikawa, Y. (968) 203
Bonifer, C., Hecht, A., Peters, C.W.B. and Sippel, A.E.
Rat antibodies as probes for the characterization of progesterone receptor A and B proteins from laying hen oviduct cytosol (968) 96
Bou-Gharios, G., see Olsen, I. (968) 312
Bubeník, J., see Dráber, P. (968) 291
Bungay, P.J., see Owen, R.A. (968) 220

Campa, M., see Senesi, S. (968) 59
Chamblier, M.-C., see Gaben-Cogneville, A.-M. (968) 231
Chen, H.W., see Leonard, D.A. (968) 269
Chisholm, A.A.K. and Cohen, P.
Identification of a third form of protein phosphatase 1 in rabbit skeletal muscle that is associated with myosin (968) 392
Clark, S.J., Colthurst, D.R. and Proud, C.G.
Structure and phosphorylation of eukaryotic initiation factor 2. Casein kinase 2 and protein kinase C phosphorylate distinct but adjacent sites in the β-subunit (968) 211
Cohen, P., see Chisholm, A.A.K. (968) 392
Colombo, R. and Milzani, A.
How does doxorubicin interfere with actin polymerization? (968) 9
Colthurst, D.R., see Clark, S.J. (968) 211
Cox, G.S., see Tamura, R.N. (968) 151

Deana, A.D. and Pinna, L.A.
Identification of pseudo 'phosphothreonyl-specific' protein phosphatase T with a fraction of polycation-stimulated protein phosphatase 2A (968) 179
Demigne, C., see Morand, C. (968) 192
De Murcia, G., see Leduc, Y. (968) 275
Douen, A.G. and Jones, M.N.
The action of phenylarsine oxide on the stereospecific uptake of D-glucose in basal and insulin-stimulated rat adipocytes (968) 109
Dráber, P., Bubeník, J., Pokorná, Z., Jandlová, T. and Toulcová, A.
Expression of mouse embryonic epitope TEC-2 on human carcinoma-derived cell lines and characterization of its glycoprotein carriers (968) 291

Eder, M., see Goldenberg, H. (968) 331
Enari, E., see Becker, J.M. (968) 408
Eskild, W. and Berg, T.
High sensitivity towards monensin of receptor-mediated endocytosis of formaldehyde treated albumin by liver endothelial cells (968) 143
Etindi, R.N. and Rillema, J.A.
Prolactin induces the formation of inositol bisphosphate and inositol trisphosphate in cultured mouse mammary gland explants (968) 385

Flatmark, T., see Husebye, E.S. (968) 261
Fong, J.C., see Hong, S.-J. (968) 401
Foreman, J.W., Lee, J. and Segal, S.
Characteristics of cystine uptake by cultured LLC-PK$_1$ cells (968) 323
Forgue-Lafitte, M.-E., see Gaben-Cogneville, A.-M. (968) 231
Freer, G., see Senesi, S. (968) 59
Fujisawa, H., see Yamauchi, T. (968) 77

Gaben-Cogneville, A.-M., Poussin, B., Chamblier, M.-C., Forgue-Lafitte, M.-E. and Rosselin, G.
Development of insulin and epidermal growth factor receptors during the differentiation of rat preadipocytes in primary culture (968) 231

García-Sáinz, J.A., see Hernández-Sotomayor, S.M.T. (968) 138
Gascard, P., see Giraud, F. (968) 367
Gasperini, M., see Senesi, S. (968) 59
Gatalica, Z. and Banfić, H.
Epidermal growth factor stimulates the incorporation of phosphate into phosphatidic acid and phosphoinositides but does not affect phosphoinositide breakdown by phospholipase C in renal cortical slices (968) 379
Gee, M.V., see Ishikawa, Y. (968) 203
Giraud, F., Gascard, P. and Sulpice, J.C.
Stimulation of polyphosphoinositide turnover upon activation of protein kinases in human erythrocytes (968) 367
Goldenberg, H., Eder, M., Pumm, R., Wallner, E., Retzek, H. and Hüttinger, M.
Uptake and subcellular distribution of injected transferrin in rat liver (968) 331
Graham, R.M., Sena, L.M., Longabaugh, J.P., Sawutz, D.G., Schwarz, K.R. and Homcy, C.J.
Coupling of the α_1-adrenergic receptor to a guanine nucleotide-binding regulatory protein by a discrete domain distinct from its ligand recognition site (968) 119
Griffin, M., see Owen, R.A. (968) 220
Griffiths, J.R., see Maxwell, R.J. (968) 86
Gupta, R.K., see Barac-Nieto, M. (968) 359
Gylfe, E., see Nygren, P. (968) 253

Hantgan, R.R.
Fibrin protofibril and fibrinogen binding to ADP-stimulated platelets: evidence for a common mechanism (968) 24
Hantgan, R.R.
Localization of the domains of fibrin involved in binding to platelets (968) 36
Hecht, A., see Bonifer, C. (968) 96
Heino, J., see Kähäri, V.-M. (968) 45
Hernández-Sotomayor, S.M.T. and García-Sáinz, J.A.
Phorbol esters and calcium-mobilizing hormones increase membrane-associated protein kinase C activity in rat hepatocytes (968) 138
Ho, L.-T., see Hong, S.-J. (968) 401
Homcy, C.J., see Graham, R.M. (968) 119
Honda, T., see Sato, S. (968) 1
Hong, S.-J., Ko, L.-W., Ho, L.-T. and Fong, J.C.
Somatostatin modulation of neurally mediated pepsinogen secretion from frog esophageal mucosa (968) 401
Horn, R.S., see Walaas, S.I. (968) 127
Husebye, E.S. and Flatmark, T.
Phosphatidylinositol kinase of bovine adrenal chromaffin granules: kinetic properties and inhibition by low concentrations of Ca^{2+} (968) 261
Hussain, M., see Owen, R.A. (968) 220
Hüttinger, M., see Goldenberg, H. (968) 331

Ishikawa, Y., Gee, M.V., Ambudkar, I.S., Bodner, L., Baum, B.J. and Roth, G.S.
Age-related impairment in rat parotid cell α_1-adrenergic action at the level of inositol trisphosphate responsiveness (968) 203

Jandlová, T., see Dráber, P. (968) 291
Jenkens, J.S., see Maxwell, R.J. (968) 86
Johansson, G., see Adem, A. (968) 340
Johansson, H., see Nygren, P. (968) 253
Jollès, P., see Pauloin, A. (968) 91
Jones, M.N., see Douen, A.G. (968) 109
Juhlin, C., see Nygren, P. (968) 253

Kähäri, V.-M., Heino, J., Vuorio, T. and Vuorio, E.
Interferon-α and interferon-γ reduce excessive collagen synthesis and procollagen mRNA levels of scleroderma fibroblasts in culture (968) 45
Karlsson, E., see Adem, A. (968) 340
Kelly, K.L., see Villalba, M. (968) 69
King, V.J., see Long, M.M. (968) 300
Kirk, K., see Raftos, J.E. (968) 160
Klareskoq, L., see Nygren, P. (968) 253
Ko, L.-W., see Hong, S.-J. (968) 401
Kuchel, P.W., see Raftos, J.E. (968) 160

Lam, T.Y., see Siu, C.-H. (968) 283
Larsson, R., see Nygren, P. (968) 253
Lawrence, J.-J., see Leduc, Y. (968) 275
Lebenthal, E., see Shimizu, K. (968) 186
Leduc, Y., Lawrence, J.-J., De Murcia, G. and Poirier, G.G.
Cell cycle regulation of poly(ADP-ribose) synthetase in FR3T3 cells (968) 275
Lee, J., see Foreman, J.W. (968) 323
Lee, P.-C., see Shimizu, K. (968) 186
Leonard, D.A. and Chen, H.W.
An ATP-dependent system specific for degradation of long-lived proteins in permeabilized cells (968) 269
Levitzki, A., see Becker, J.M. (968) 408
Long, M.M., King, V.J., Prasad, K.U. and Urry, D.W.
Chemotaxis of fibroblasts toward nonapeptide of elastin (968) 300
Longabaugh, J.P., see Graham, R.M. (968) 119

Mato, J.M., see Villalba, M. (968) 69
Maxwell, R.J., Prysor-Jones, R.A., Jenkens, J.S. and Griffiths, J.R.
Vasoactive intestinal peptide stimulates glycolysis in pituitary tumours; ^{1}H-NMR detection of lactate in vivo (968) 86
Mazurov, A.V., Prokazova, N.V., Mikhailenko, I.A., Mukjin, D.N., Repin, V.S. and Bergelson, L.D.
Stimulation of platelet adhesion and activation by ganglioside G_{D3} adsorbed to plastic (968) 167
Mbugua, P.M., see Adem, A. (968) 340
Metz, S.A.
Mobilization of cellular Ca^{2+} by lysophospholipids in rat islets of Langerhans (968) 239
Mikhailenko, I.A., see Mazurov, A.V. (968) 167
Milzani, A., see Colombo, R. (968) 9
Mitsumoto, Y., Sato, K. and Mohri, T.
Stimulation of leucine transport by a mitogen through intracellular Ca^{2+} increase in human peripheral lymphocytes (968) 353

Mohri, T., see Mitsumoto, Y. (968) 353
Morand, C., Remesy, C. and Demigne, C.
Modulation of glucagon effects by changes in extracellular pH and calcium (968) 192
Muir, H., see Olsen, I. (968) 312
Mukjin, D.N., see Mazurov, A.V. (968) 167

Neiberger, R., see Barac-Nieto, M. (968) 359
Noguchi, M., see Sato, S. (968) 1
Nygren, P., Gylfe, E., Larsson, R., Johansson, H., Juhlin, C., Klareskoq, L., Åkerström, G. and Rastad, J.
Modulation of the Ca^{2+}-sensing function of parathyroid cells in vitro and in hyperparathyroidism (968) 253

Octave, J.-N., see Rama, R. (968) 51
Olsen, I., Abraham, D., Shelton, I., Bou-Gharios, G., Muir, H. and Winchester, B.
Cell contact induces the synthesis of a lysosomal enzyme precursor in lymphocytes and its direct transfer to fibroblasts (968) 312
Onishi, S., see Sato, S. (968) 1
Owen, R.A., Bungay, P.J., Hussain, M. and Griffin, M.
Transglutaminase-catalysed cross-linking of proteins phosphorylated in the intact glucose-stimulated pancreatic β-cell (968) 220

Pauloin, A., Thurieau, C. and Jollès, P.
Cyclic phosphorylation/dephosphorylation cascade in bovine brain coated vesicles (968) 91
Peters, C.W.B., see Bonifer, C. (968) 96
Pinna, L.A., see Deana, A.D. (968) 179
Poirier, G.G., see Leduc, Y. (968) 275
Pokorná, Z., see Dráber, P. (968) 291
Poussin, B., see Gaben-Cogneville, A.-M. (968) 231
Prasad, K.U., see Long, M.M. (968) 300
Price, R.J., see Blakey, D.C. (968) 172
Prokazova, N.V., see Mazurov, A.V. (968) 167
Proud, C.G., see Clark, S.J. (968) 211
Prysor-Jones, R.A., see Maxwell, R.J. (968) 86
Pumm, R., see Goldenberg, H. (968) 331

Raftos, J.E., Kirk, K. and Kuchel, P.W.
Further investigation of the use of dimethyl methylphosphonate as a ^{31}P-NMR probe of red cell volume (968) 160
Rama, R., Sánchez, J. and Octave, J.-N.
Iron mobilization from cultured rat bone marrow macrophages (968) 51
Rastad, J., see Nygren, P. (968) 253
Remesy, C., see Morand, C. (968) 192
Repin, V.S., see Mazurov, A.V. (968) 167
Retzek, H., see Goldenberg, H. (968) 331
Rillema, J.A., see Etindi, R.N. (968) 385
Rodgers, G.M.
Vascular smooth muscle cells synthesize, secrete and express coagulation factor V (968) 17
Rosselin, G., see Gaben-Cogneville, A.-M. (968) 231
Roth, G.S., see Ishikawa, Y. (968) 203

Sánchez, J., see Rama, R. (968) 51
Sato, K., see Mitsumoto, Y. (968) 353
Sato, S., Adachi, H., Noguchi, M., Honda, T., Onishi, S., Aoki, E. and Torizuka, K.
Effect of AA861, a 5-lipoxygenase inhibitor, on amylase secretion from rat pancreatic acini (968) 1
Sawutz, D.G., see Graham, R.M. (968) 119
Schwarz, K.R., see Graham, R.M. (968) 119
Segal, S., see Foreman, J.W. (968) 323
Sena, L.M., see Graham, R.M. (968) 119
Senesi, S., Freer, G., Gasperini, M., Batoni, G. and Campa, M.
Complete release of adenosine deaminase from mouse lymphocytes stabilized by low-pH acetate (968) 59
Shelton, I., see Olsen, I. (968) 312
Shimizu, K., Lebenthal, E. and Lee, P.-C.
Immature stimulus-secretion coupling in the developing exocrine pancreas and ontogenic changes of protein kinase C (968) 186
Sippel, A.E., see Bonifer, C. (968) 96
Siu, C.-H., Lam, T.Y. and Wong, L.M.
Expression of the contact site A glycoprotein in *Dictyostelium discoideum:* quantitation and developmental regulation (968) 283
Skilleter, D.N., see Blakey, D.C. (968) 172
Spitzer, A., see Barac-Nieto, M. (968) 359
Sulpice, J.C., see Giraud, F. (968) 367

Tamura, R.N. and Cox, G.S.
Effect of pyrimidine deoxynucleosides and sodium butyrate on expression of the glycoprotein hormone α-subunit and placental alkaline phosphatase in HeLa cells (968) 151
Thorpe, P.E., see Blakey, D.C. (968) 172
Thurieau, C., see Pauloin, A. (968) 91
Torizuka, K., see Sato, S. (968) 1
Toulcová, A., see Dráber, P. (968) 291

Urry, D.W., see Long, M.M. (968) 300

Villalba, M., Kelly, K.L. and Mato, J.M.
Inhibition of cyclic AMP-dependent protein kinase by the polar head group of an insulin-sensitive glycophospholipid (968) 69
Vuorio, E., see Kähäri, V.-M. (968) 45
Vuorio, T., see Kähäri, V.-M. (968) 45

Walaas, O., see Walaas, S.I. (968) 127
Walaas, S.I., Horn, R.S., Albert, K.A., Adler, A. and Walaas, O.
Phosphorylation of multiple sites in a 15000 dalton proteolipid from rat skeletal muscle sarcolemma, catalyzed by adenosine 3′,5′-monophosphate-dependent and calcium/phospholipid-dependent protein kinases (968) 127
Wallner, E., see Goldenberg, H. (968) 331
Winchester, B., see Olsen, I. (968) 312
Wong, L.M., see Siu, C.-H. (968) 283

Yamauchi, T. and Fujisawa, H.
Regulation of the interaction of actin filaments with microtubule-associated protein 2 by calmodulin-dependent protein kinase II (968) 77

Zamora, F., Arola, L. and Alemany, M.
In vitro glucose and 2-aminoisobutyric acid uptake by rat interscapular brown adipose tissue (968) 346